

| L Number | Hits | Search Text   | DB  | Time stamp          |
|----------|------|---|---|---------------------|
| -        | 8985 | (concatenat\$5 or append\$5) near6 (bit or bits)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/14<br>08:32 |
| -        | 835  | ((concatenat\$5 or append\$5) near6 (bit or bits)) with (pci\$1 or "32")  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/14<br>07:58 |
| -        | 803  | ((concatenat\$5 or append\$5) near6 (bit or bits)) with "32"  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/14<br>07:58 |
| -        | 17   | ((concatenat\$5 or append\$5) near6 (bit or bits)) with "32") same pci\$1   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/14<br>07:59 |
| -        | 15   | ((concatenat\$5 or append\$5) near6 (bit or bits)) with "32") same pci\$1) and (@ad<20010724 or @rlad<20010724 or @prad<20010724 or @pt1d<20010724 or @pd<20010724)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/14<br>08:16 |
| -        | 63   | ((concatenat\$5 or append\$5) near6 (bit or bits)) with "31" with "32"  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/14<br>08:16 |
| -        | 59   | ((concatenat\$5 or append\$5) near6 (bit or bits)) with "31" with "32") and (@ad<20010724 or @rlad<20010724 or @prad<20010724 or @pt1d<20010724 or @pd<20010724)) not "l15"   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/14<br>08:17 |
| -        | 36   | ((concatenat\$5 or append\$5) near6 (bit or bits)) with "31" with "32") and (@ad<20010724 or @rlad<20010724 or @prad<20010724 or @pt1d<20010724 or @pd<20010724)) not "l15") and pci\$1   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/14<br>08:18 |
| -        | 35   | ((concatenat\$5 or append\$5) near6 (bit or bits)) with "31" with "32") and (@ad<20010724 or @rlad<20010724 or @prad<20010724 or @pt1d<20010724 or @pd<20010724)) not (((concatenat\$5 or append\$5) near6 (bit or bits)) with "32") same pci\$1) and (@ad<20010724 or @rlad<20010724 or @prad<20010724 or @pt1d<20010724 or @pd<20010724))) and pci\$1 | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/14<br>08:18 |

|   |         |  |   |                     |
|---|---------|--|---|---------------------|
| - | 59      | (((concatenat\$5 or append\$5) near6 (bit or bits)) with "31" with "32") and (@ad<20010724 or @rlad<20010724 or @prad<20010724 or @pt1d<20010724 or @pd<20010724)) not (((concatenat\$5 or append\$5) near6 (bit or bits)) with "32") same pci\$1) and (@ad<20010724 or @rlad<20010724 or @prad<20010724 or @pt1d<20010724 or @pd<20010724)) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/14<br>08:20 |
| - | 36      | (((concatenat\$5 or append\$5) near6 (bit or bits)) with "31" with "32") and (@ad<20010724 or @rlad<20010724 or @prad<20010724 or @pt1d<20010724 or @pd<20010724)) and pci\$1  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/14<br>08:20 |
| - | 60      | (((concatenat\$5 or append\$5) near6 (bit or bits)) with "31" with "32") and (@ad<20010724 or @rlad<20010724 or @prad<20010724 or @pt1d<20010724 or @pd<20010724))   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/14<br>10:04 |
| - | 175     | 711/212.ccls.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/14<br>08:28 |
| - | 15      | 711/212.ccls. and pci\$1   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/14<br>08:30 |
| - | 142     | 711/212.ccls. and "32"   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/14<br>08:29 |
| - | 1755935 | ("32" with "31") or ("16" with "15") or ("64" with "63")   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/14<br>08:30 |
| - | 70      | 711/212.ccls. and (("32" with "31") or ("16" with "15") or ("64" with "63"))   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/14<br>08:30 |
| - | 70      | (711/212.ccls. and (("32" with "31") or ("16" with "15") or ("64" with "63"))) and (@ad<20010724 or @rlad<20010724 or @prad<20010724 or @pt1d<20010724 or @pd<20010724))   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/14 10:11    |
| - | 7       | ((711/212.ccls. and (("32" with "31") or ("16" with "15") or ("64" with "63"))) and (@ad<20010724 or @rlad<20010724 or @prad<20010724 or @pt1d<20010724 or @pd<20010724)) and pci\$1   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/14<br>08:30 |

|   |      |  |   |                     |
|---|------|--|---|---------------------|
| - | 534  | (concatenat\$5 or append\$5) near6 (msb\$1 or most adj2 significant adj2 (bit or bits))  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/14<br>10:05 |
| - | 56   | ((concatenat\$5 or append\$5) near6 (msb\$1 or most adj2 significant adj2 (bit or bits))) and pci\$1   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/14<br>08:33 |
| - | 56   | ((concatenat\$5 or append\$5) near6 (msb\$1 or most adj2 significant adj2 (bit or bits))) and pci\$1 and (@ad<20010724 or @rlad<20010724 or @prad<20010724 or @pt1d<20010724 or @pd<20010724)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/14<br>10:32 |
| - | 8024 | (register\$1) near6 (msb\$1 or ((most adj2 significant) or (high\$3 adj2 order)) adj2 (bit or bits))   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/14<br>10:55 |
| - | 2201 | ((register\$1) near6 (msb\$1 or ((most adj2 significant) or (high\$3 adj2 order)) adj2 (bit or bits))) with address\$3   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/14<br>10:09 |
| - | 476  | ((register\$1) near6 (msb\$1 or ((most adj2 significant) or (high\$3 adj2 order)) adj2 (bit or bits))) with address\$3) with (set\$7 or program\$7 or config\$7 or init\$10 or assign\$7)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/14 10:11    |
| - | 460  | ((register\$1) near6 (msb\$1 or ((most adj2 significant) or (high\$3 adj2 order)) adj2 (bit or bits))) with address\$3) with (set\$7 or program\$7 or config\$7 or init\$10 or assign\$7) and (@ad<20010724 or @rlad<20010724 or @prad<20010724 or @pt1d<20010724 or @pd<20010724)               | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/14 10:11    |
| - | 42   | ((register\$1) near6 (msb\$1 or ((most adj2 significant) or (high\$3 adj2 order)) adj2 (bit or bits))) with address\$3) with (set\$7 or program\$7 or config\$7 or init\$10 or assign\$7) and (@ad<20010724 or @rlad<20010724 or @prad<20010724 or @pt1d<20010724 or @pd<20010724) and bridge\$1 | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/14<br>10:31 |
| - | 272  | ((register\$1) near6 (msb\$1 or ((most adj2 significant) or (high\$3 adj2 order)) adj2 (bit or bits))) with address\$3) same (concatenat\$5 or append\$5 or combin\$5)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/14<br>10:56 |
| - | 14   | ((register\$1) near6 (msb\$1 or ((most adj2 significant) or (high\$3 adj2 order)) adj2 (bit or bits))) with address\$3) same (concatenat\$5 or append\$5 or combin\$5) and bridge\$1   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/14<br>10:31 |

|   |       |  |   |                     |
|---|-------|--|---|---------------------|
| - | 14    | (((register\$1) near6 (msb\$1 or ((most adj2 significant) or (high\$3 adj2 order)) adj2 (bit or bits))) with address\$3) same (concatenat\$5 or append\$5 or combin\$5)) and bridge\$1) and (@ad<20010724 or @rlad<20010724 or @prad<20010724 or @pt1d<20010724 or @pd<20010724) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/14<br>10:49 |
| - | 12    | (((register\$1) near6 (msb\$1 or ((most adj2 significant) or (high\$3 adj2 order)) adj2 (bit or bits))) with address\$3) same (concatenat\$5 or append\$5 or combin\$5)) and pci\$1  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/14<br>10:49 |
| - | 12    | (((register\$1) near6 (msb\$1 or ((most adj2 significant) or (high\$3 adj2 order)) adj2 (bit or bits))) with address\$3) same (concatenat\$5 or append\$5 or combin\$5)) and pci\$1) and (@ad<20010724 or @rlad<20010724 or @prad<20010724 or @pt1d<20010724 or @pd<20010724)    | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/15<br>12:16 |
| - | 12775 | (sound\$1 or audio) with "31"  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/14<br>10:51 |
| - | 2855  | pci\$1 with "32"   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/14<br>10:51 |
| - | 24    | ((sound\$1 or audio) with "31") same (pci\$1 with "32")  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/14<br>10:51 |
| - | 19    | (((sound\$1 or audio) with "31") same (pci\$1 with "32")) and (@ad<20010724 or @rlad<20010724 or @prad<20010724 or @pt1d<20010724 or @pd<20010724)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/14<br>10:57 |
| - | 5299  | (register\$1) near6 (msb\$1 or ((most adj2 significant) or (high\$3 adj2 order)) adj2 bit)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/14<br>10:56 |
| - | 450   | ((register\$1) near6 (msb\$1 or ((most adj2 significant) or (high\$3 adj2 order)) adj2 bit)) same (concatenat\$5 or append\$5 or combin\$5)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/14<br>10:57 |
| - | 153   | (((register\$1) near6 (msb\$1 or ((most adj2 significant) or (high\$3 adj2 order)) adj2 bit)) same (concatenat\$5 or append\$5 or combin\$5)) same address\$3  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/14<br>10:57 |

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|---|-----|---|---|---------------------|
| - | 144 | (((register\$1) near6 (msb\$1 or ((most adj2 significant) or (high\$3 adj2 order)) adj2 bit)) same (concatenat\$5 or append\$5 or combin\$5)) same address\$3) and (@ad<20010724 or @rlad<20010724 or @prad<20010724 or @pt1d<20010724 or @pd<20010724)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/14<br>11:05 |
| - | 6   | (((register\$1) near6 (msb\$1 or ((most adj2 significant) or (high\$3 adj2 order)) adj2 bit)) same (concatenat\$5 or append\$5 or combin\$5)) same address\$3) and (@ad<20010724 or @rlad<20010724 or @prad<20010724 or @pt1d<20010724 or @pd<20010724)) and (bridge\$1 or pci\$1)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/14<br>11:04 |
| - | 536 | bit with (upper or higher) with lower with space\$1   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/14<br>11:32 |
| - | 76  | (bit with (upper or higher) with lower with space\$1) with address\$3   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/14<br>11:05 |
| - | 74  | ((bit with (upper or higher) with lower with space\$1) with address\$3) and (@ad<20010724 or @rlad<20010724 or @prad<20010724 or @pt1d<20010724 or @pd<20010724)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/14<br>11:33 |
| - | 543 | (bit or msb) with (upper or higher) with lower with space\$1  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/14<br>11:33 |
| - | 82  | ((bit or msb) with (upper or higher) with lower with space\$1) with address\$3  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/14<br>11:33 |
| - | 6   | (((bit or msb) with (upper or higher) with lower with space\$1) with address\$3) and (@ad<20010724 or @rlad<20010724 or @prad<20010724 or @pt1d<20010724 or @pd<20010724)) not (((bit with (upper or higher) with lower with space\$1) with address\$3) and (@ad<20010724 or @rlad<20010724 or @prad<20010724 or @pt1d<20010724 or @pd<20010724)) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/14<br>12:22 |
| - | 2   | south with bridge\$1 with (audio or sound) with speaker\$1 with microphone\$1   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/14<br>12:23 |
| - | 60  | south with bridge\$1 with (audio or sound)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/14<br>12:24 |

|   |      |   |   |                     |
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| - | 3    | (south with bridge\$1 with (audio or sound)) same speaker\$1 same microphone\$1   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/14<br>12:24 |
| - | 1    | ((south with bridge\$1 with (audio or sound)) same speaker\$1 same microphone\$1) not (south with bridge\$1 with (audio or sound) with speaker\$1 with microphone\$1)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/14<br>12:24 |
| - | 1631 | (bit or bits) with register\$1 with base with address\$3  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/15<br>12:14 |
| - | 401  | ((((bit or bits) with register\$1 with base with address\$3) with (set\$7 or program\$7 or config\$7 or program\$7 or init\$10 or assign\$7 or designat\$7 or specif\$10 or defin\$7)) and (710.clas. or 711.clas.))  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/15<br>12:16 |
| - | 131  | ((((bit or bits) with register\$1 with base with address\$3) with (set\$7 or program\$7 or config\$7 or program\$7 or init\$10 or assign\$7 or designat\$7 or specif\$10 or defin\$7)) and bus and bridge\$1  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/15<br>12:16 |
| - | 81   | (((((bit or bits) with register\$1 with base with address\$3) with (set\$7 or program\$7 or config\$7 or program\$7 or init\$10 or assign\$7 or designat\$7 or specif\$10 or defin\$7)) and bus and bridge\$1) and (710.clas. or 711.clas.))  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/15<br>12:18 |
| - | 75   | (((((bit or bits) with register\$1 with base with address\$3) with (set\$7 or program\$7 or config\$7 or program\$7 or init\$10 or assign\$7 or designat\$7 or specif\$10 or defin\$7)) and bus and bridge\$1) and (710.clas. or 711.clas.)) and (@ad<20010724 or @rlad<20010724 or @prad<20010724 or @pt1d<20010724 or @pd<20010724) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/15<br>14:23 |
| - | 795  | ((bit or bits) with register\$1 with base with address\$3) with (set\$7 or program\$7 or config\$7 or program\$7 or init\$10 or assign\$7 or designat\$7 or specif\$10 or defin\$7)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/15<br>12:18 |
| - | 651  | ((((bit or bits) with register\$1 with base with address\$3) with (set\$7 or program\$7 or config\$7 or program\$7 or init\$10 or assign\$7 or designat\$7 or specif\$10 or defin\$7)) and bus  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/15<br>12:18 |
| - | 123  | (((((bit or bits) with register\$1 with base with address\$3) with (set\$7 or program\$7 or config\$7 or program\$7 or init\$10 or assign\$7 or designat\$7 or specif\$10 or defin\$7)) and bus) and bridge   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/15<br>12:18 |

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|---|-----|--|---|---------------------|
| - | 131 | (((bit or bits) with register\$1 with base with address\$3) with (set\$7 or program\$7 or config\$7 or program\$7 or init\$10 or assign\$7 or designat\$7 or specif\$10 or defin\$7)) and bus) and bridge\$1   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/15<br>12:18 |
| - | 81  | (((bit or bits) with register\$1 with base with address\$3) with (set\$7 or program\$7 or config\$7 or program\$7 or init\$10 or assign\$7 or designat\$7 or specif\$10 or defin\$7)) and bus) and bridge\$1) and (710.clas. or 711.clas.)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/15<br>12:38 |
| - | 75  | (((bit or bits) with register\$1 with base with address\$3) with (set\$7 or program\$7 or config\$7 or program\$7 or init\$10 or assign\$7 or designat\$7 or specif\$10 or defin\$7)) and bus) and bridge\$1) and (710.clas. or 711.clas.)) and (@ad<20010724 or @rlad<20010724 or @prad<20010724 or @pt1d<20010724 or @pd<20010724)           | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/15<br>12:19 |
| - | 738 | address\$3 with (translat\$7 or conver\$7) with bridge\$1  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/15<br>12:39 |
| - | 73  | (address\$3 with (translat\$7 or conver\$7) with bridge\$1) with register\$1   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/15<br>12:39 |
| - | 72  | ((address\$3 with (translat\$7 or conver\$7) with bridge\$1) with register\$1) not (((bit or bits) with register\$1 with base with address\$3) with (set\$7 or program\$7 or config\$7 or program\$7 or init\$10 or assign\$7 or designat\$7 or specif\$10 or defin\$7)) and bus) and bridge\$1) and (710.clas. or 711.clas.))                 | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/15<br>12:40 |
| - | 33  | (((address\$3 with (translat\$7 or conver\$7) with bridge\$1) with register\$1) not (((bit or bits) with register\$1 with base with address\$3) with (set\$7 or program\$7 or config\$7 or program\$7 or init\$10 or assign\$7 or designat\$7 or specif\$10 or defin\$7)) and bus) and bridge\$1) and (710.clas. or 711.clas.))) and 710.clas. | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/15<br>12:49 |
| - | 32  | 12.ti.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/15<br>12:49 |
| - | 8   | 12.ti. and 710.clas.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/15<br>12:59 |
| - | 3   | (US-5857080-\$ or US-6173383-\$ or US-6189062-\$).did.   | USPAT   | 2004/04/15<br>12:55 |

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|---|-------|---|---|---------------------|
| - | 20    | ("5386538"   "5634013"   "5640528"   "5649142"   "5664117"   "5682512"   "5692200"   "5721839"   "5734847"   "5771359"   "5838932"   "5894563"   "5918026"   "5953511"   "6098113"   "6105146"   "6154824"   "6324609"   "6353877"   "6356991").PN. | USPAT   | 2004/04/15<br>12:57 |
| - | 24367 | address adj2 space\$1   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/15<br>12:59 |
| - | 458   | (address adj2 space\$1) with bridge\$1  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/15<br>12:59 |
| - | 299   | ((address adj2 space\$1) with bridge\$1) with (bus or busses or buses)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/15<br>12:59 |
| - | 154   | ((((address adj2 space\$1) with bridge\$1) with (bus or busses or buses)) and 710.clas.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/15<br>13:00 |
| - | 55    | ((((address adj2 space\$1) with bridge\$1) with (bus or busses or buses)) same (translat\$7 or conver\$7)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/15<br>13:00 |
| - | 37    | (((((address adj2 space\$1) with bridge\$1) with (bus or busses or buses)) same (translat\$7 or conver\$7)) and 710.clas.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/15<br>13:19 |
| - | 14    | ("4325118"   "4802085"   "4845611"   "5113369"   "5287531"   "5367689"   "5379384"   "5396602"   "5418930"   "5423009"   "5440698"   "5471632"   "5509126"   "5590378").PN.   | USPAT   | 2004/04/15<br>13:02 |
| - | 74    | 5835738.URPN.   | USPAT   | 2004/04/15<br>13:03 |
| - | 0     | 6581130.URPN.   | USPAT   | 2004/04/15 13:11    |
| - | 183   | base with address with bridge\$1  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/15<br>13:19 |
| - | 10    | (base with address with bridge\$1) with (translat\$7 or conver\$7)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/15<br>13:33 |



|   |        |   |   |                     |
|---|--------|---|---|---------------------|
| - | 80     | (((bit or msb) with (upper or higher) with lower with space\$1) with address\$3) and (@ad<20010724 or @rlad<20010724 or @prad<20010724 or @pt1d<20010724 or @pd<20010724)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/15<br>14:16 |
| - | 170836 | upper with lower with space\$1  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/15<br>14:17 |
| - | 429    | (upper with lower with space\$1) with address\$3  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/15<br>14:17 |
| - | 71     | ((upper with lower with space\$1) with address\$3) with (bit or msb)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/15<br>14:17 |
| - | 2      | (((upper with lower with space\$1) with address\$3) with (bit or msb)) not (((bit or msb) with (upper or higher) with lower with space\$1) with address\$3) and (@ad<20010724 or @rlad<20010724 or @prad<20010724 or @pt1d<20010724 or @pd<20010724)) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/15<br>14:18 |
| - | 50     | (((upper with lower with space\$1) with address\$3) with (bit or msb)) and 7?? clas.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/15<br>14:22 |
| - | 24367  | address adj2 space\$1   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/15<br>14:22 |
| - | 1757   | (address adj2 space\$1) with divid\$7   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/15<br>14:23 |
| - | 1866   | (address adj2 space\$1) with divi\$7  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/15<br>14:23 |
| - | 258    | ((address adj2 space\$1) with divi\$7) with (bit or bits or msb\$1)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/15<br>14:23 |

|   |     |   |   |                     |
|---|-----|---|---|---------------------|
| - | 182 | (((address adj2 space\$1) with divi\$7) with (bit or bits or msb\$1)) and 7?? clas.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/15<br>14:23 |
| - | 172 | (((address adj2 space\$1) with divi\$7) with (bit or bits or msb\$1)) and 7?? clas.) and (@ad<20010724 or @rlad<20010724 or @prad<20010724 or @pt1d<20010724 or @pd<20010724) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/15<br>14:23 |